INFRARED INTERPRETER'S DAILY LOG

Incident Name: Loch Katrine WA-MSF-000348	**IR Interpreter(s):** Trisha Boll Trisha.boll@usda.gov	**Local Dispatch Phone:** WA-MSF Puget Sound Dispatch 425-783-6150	**Interpreted Size:** 1,777 Acres **Growth last period:** 160 Acres
Flight Time: 1933 PDT **Flight Date:** 10/18/2022	**Interpreter(s) location:** Whitefish, MT **Interpreter(s) Phone:** 406-212-7878	**GACC IR Liaison:** Jim Grace **GACC IR Liaison Phone:** 541-771-4521	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-842-3845
Ordered By: WA-MSF 509-884-3473	**A Number:** 28	**Aircraft/Scanner System:** N350FV/TK9	**Pilots/Techs:** Tech: Wren
IRIN Comments on imagery: One pass, good imagery.		**Weather at time of flight:** Clear	**Flight Objective:** IR heat perimeter and heat sources
Date and Time Imagery Received by Interpreter: 10/18/2022 1952 PDT		**Type of media for final product:** IRIN Log, Shapefiles, File Geodatabase, KMZ, PDF Maps **Digital files sent to:** NIFS and FTP https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022_Loch_Katrine_WA-MSF-000348/IR/20221019	
Date and Time Products Delivered to Incident: 10/18/2022 0210 PDT uploaded to NIFS 10/18/2022 0345 PDT uploaded to ftp site			

Comments /notes on tonight's mission and this interpretation:

The heat perimeter still contains quite a bit of intense heat, but much of it has been downgraded to scattered heat. As with yesterday, heat perimeter growth and associated intense heat occurred on the southern and eastern edges of both polygons. Growth was much less than yesterday, and this evening's image saturation was not an issue. Beginning with the western polygon: heat perimeter expanded to the southeast in the vicinity of Big Creek, where the perimeter has continued to back downslope to the bottom of Big Creek. It does not appear to have crossed the creek yet. The eastern perimeter also continued to back downslope, east toward Phillippa Creek.

The eastern polygon saw heat perimeter expansion to the south along the Twin Peaks ridgeline and backing downslope to the west, toward Phillippa Creek. Yesterday's isolated heat polygon on the east slope of this ridge has been cannibalized into the main polygon.

There are two small polygons of isolated intense heat on the northern edge in section 15 near the confluence of Philippa Creek and Sunday Creek.

Modest perimeter increases occurred around most of both polygon perimeter in other areas. No isolated heat sources were observed beyond the perimeter.